

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/528,771  
Source: P4710  
Date Processed by STIC: 4/4/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 04/04/2005

PATENT APPLICATION: US/10/528,771

TIME: 11:09:53

Input Set : A:\Q86824 Sequence Listing.txt

Output Set: N:\CRF4\04042005\J528771.raw

3 <110> APPLICANT: Nihon Medi-Physics Co., Ltd.  
 4 SEKI, Ikuya  
 5 KAWAGUCHI, Takayoshi  
 6 SHIRAKAMI, Yoshifumi  
 8 <120> TITLE OF INVENTION: COMPOUND BINDING TO LEUKOCYTES AND MEDICINAL COMPOSITION  
 9 CONTAINING THE COMPOUND IN LABELED STATE AS THE ACTIVE INGREDIENT  
 11 <130> FILE REFERENCE: Q86824  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/528,771  
 C--> 13 <141> CURRENT FILING DATE: 2005-03-23  
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP03/12362  
 14 <151> PRIOR FILING DATE: 2003-09-26  
 16 <150> PRIOR APPLICATION NUMBER: JP 2002-282229  
 17 <151> PRIOR FILING DATE: 2002-09-27  
 19 <160> NUMBER OF SEQ ID NOS: 13  
 21 <170> SOFTWARE: PatentIn version 3.3  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 10  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Leukocyte Binding Peptide  
 32 <220> FEATURE:  
 33 <221> NAME/KEY: MOD\_RES  
 34 <222> LOCATION: (1)..(1)  
 35 <223> OTHER INFORMATION: Nle  
 37 <220> FEATURE:  
 38 <221> NAME/KEY: MOD\_RES  
 39 <222> LOCATION: (1)..(1)  
 40 <223> OTHER INFORMATION: FORMYLATION  
 42 <220> FEATURE:  
 43 <221> NAME/KEY: MOD\_RES  
 44 <222> LOCATION: (4)..(4)  
 45 <223> OTHER INFORMATION: Nle  
 47 <220> FEATURE:  
 48 <221> NAME/KEY: MOD\_RES  
 49 <222> LOCATION: (6)..(6)  
 50 <223> OTHER INFORMATION: AMIDATION  
 52 <400> SEQUENCE: 1  
 W--> 54 Xaa Leu Phe Xaa Tyr Lys Ser Cys Gly Asn  
 55 1 5 10  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 10  
 60 <212> TYPE: PRT

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61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Leukocyte Binding Peptide
67 <220> FEATURE:
68 <221> NAME/KEY: MOD_RES
69 <222> LOCATION: (1)..(1) /
70 <223> OTHER INFORMATION: Nle
72 <220> FEATURE:
73 <221> NAME/KEY: MOD_RES
74 <222> LOCATION: (1)..(1)
75 <223> OTHER INFORMATION: FORMYLATION
77 <220> FEATURE:
78 <221> NAME/KEY: MOD_RES /
79 <222> LOCATION: (4)..(4)
80 <223> OTHER INFORMATION: Nle
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (6)..(6)
85 <223> OTHER INFORMATION: AMIDATION
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     104 <222> LOCATION: (1)..(1) /
     105 <223> OTHER INFORMATION: Nle
     107 <220> FEATURE:
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     109 <222> LOCATION: (1)..(1)
     110 <223> OTHER INFORMATION: FORMYLATION
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     113 <221> NAME/KEY: MOD_RES
     114 <222> LOCATION: (4)..(4) /
     115 <223> OTHER INFORMATION: Nle
     117 <220> FEATURE:
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     119 <222> LOCATION: (6)..(6)
     120 <223> OTHER INFORMATION: AMIDATION
     122 <400> SEQUENCE: 3
W--> 124 Xaa Leu Phe Xaa Tyr Lys Ser Cys Gly Asp
      125 1          5          10
      128 <210> SEQ ID NO: 4
      129 <211> LENGTH: 12

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130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
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139 <222> LOCATION: (1)..(1) /
140 <223> OTHER INFORMATION: Nle
142 <220> FEATURE:
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144 <222> LOCATION: (1)..(1)
145 <223> OTHER INFORMATION: FORMYLATION
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149 <222> LOCATION: (4)..(4) /
150 <223> OTHER INFORMATION: Nle
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154 <222> LOCATION: (6)..(6)
155 <223> OTHER INFORMATION: AMIDATION
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174 <222> LOCATION: (1)..(1) /
175 <223> OTHER INFORMATION: Nle
177 <220> FEATURE:
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179 <222> LOCATION: (1)..(1)
180 <223> OTHER INFORMATION: FORMYLATION
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183 <221> NAME/KEY: MOD_RES
184 <222> LOCATION: (4)..(4) /
185 <223> OTHER INFORMATION: Nle
187 <220> FEATURE:
188 <221> NAME/KEY: MOD_RES
189 <222> LOCATION: (6)..(6)
190 <223> OTHER INFORMATION: AMIDATION
192 <220> FEATURE:
193 <221> NAME/KEY: MOD_RES
194 <222> LOCATION: (7)..(7)
195 <223> OTHER INFORMATION: BLOCKED

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## RAW SEQUENCE LISTING

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Input Set : A:\Q86824 Sequence Listing.txt

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208 <220> FEATURE:
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212 <220> FEATURE:
213 <221> NAME/KEY: MOD_RES
214 <222> LOCATION: (1)..(1)
215 <223> OTHER INFORMATION: Nle
217 <220> FEATURE:
218 <221> NAME/KEY: MOD_RES
219 <222> LOCATION: (1)..(1)
220 <223> OTHER INFORMATION: FORMYLATION
222 <220> FEATURE:
223 <221> NAME/KEY: MOD_RES
224 <222> LOCATION: (6)..(6)
225 <223> OTHER INFORMATION: AMIDATION
227 <220> FEATURE:
228 <221> NAME/KEY: MOD_RES
229 <222> LOCATION: (11)..(11)
230 <223> OTHER INFORMATION: BLOCKED
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W--> 234 Xaa Leu Phe Lys Ser Ser Asn Arg Cys Asp Asp
235 1 5 10
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239 <211> LENGTH: 8
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Leukocyte Binding Peptide
247 <220> FEATURE:
248 <221> NAME/KEY: MOD_RES
249 <222> LOCATION: (1)..(1)
250 <223> OTHER INFORMATION: Nle
252 <220> FEATURE:
253 <221> NAME/KEY: MOD_RES
254 <222> LOCATION: (1)..(1)
255 <223> OTHER INFORMATION: FORMYLATION
257 <220> FEATURE:
258 <221> NAME/KEY: MOD_RES
259 <222> LOCATION: (4)..(4)
260 <223> OTHER INFORMATION: Nle
262 <220> FEATURE:
263 <221> NAME/KEY: MOD_RES
264 <222> LOCATION: (6)..(6)

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265 <223> OTHER INFORMATION: AMIDATION
267 <220> FEATURE:
268 <221> NAME/KEY: MOD_RES
269 <222> LOCATION: (8)..(8)
270 <223> OTHER INFORMATION: BLOCKED
272 <400> SEQUENCE: 7
W--> 274 Xaa Leu Phe Xaa Tyr Lys Ser Arg
275 1 5
278 <210> SEQ ID NO: 8
279 <211> LENGTH: 7
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Leukocyte Binding Peptide
287 <220> FEATURE:
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289 <222> LOCATION: (1)..(1)
290 <223> OTHER INFORMATION: Nle
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294 <222> LOCATION: (1)..(1)
295 <223> OTHER INFORMATION: FORMYLATION
297 <220> FEATURE:
298 <221> NAME/KEY: MOD_RES
299 <222> LOCATION: (4)..(4)
300 <223> OTHER INFORMATION: Nle
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303 <221> NAME/KEY: MOD_RES
304 <222> LOCATION: (6)..(6)
305 <223> OTHER INFORMATION: AMIDATION
307 <220> FEATURE:
308 <221> NAME/KEY: MOD_RES
309 <222> LOCATION: (7)..(7)
310 <223> OTHER INFORMATION: BLOCKED
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315 1 5
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320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial Sequence
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328 <221> NAME/KEY: MOD_RES
329 <222> LOCATION: (1)..(1)
330 <223> OTHER INFORMATION: Nle
332 <220> FEATURE:
333 <221> NAME/KEY: MOD_RES

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/528,771

DATE: 04/04/2005  
TIME: 11:09:55

Input Set : A:\Q86824 Sequence Listing.txt  
Output Set: N:\CRF4\04042005\J528771.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,4  
Seq#:2; Xaa Pos. 1,4  
Seq#:3; Xaa Pos. 1,4  
Seq#:4; Xaa Pos. 1,4  
Seq#:5; Xaa Pos. 1,4  
Seq#:6; Xaa Pos. 1  
Seq#:7; Xaa Pos. 1,4  
Seq#:8; Xaa Pos. 1,4  
Seq#:9; Xaa Pos. 1,4  
Seq#:10; Xaa Pos. 1,4  
Seq#:11; Xaa Pos. 1,4  
Seq#:12; Xaa Pos. 1,4  
Seq#:13; Xaa Pos. 1,4

## VERIFICATION SUMMARY

DATE: 04/04/2005

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Input Set : A:\Q86824 Sequence Listing.txt

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0